

Amendments to the Specification

Please replace the paragraph beginning on page 7, line 31, with the following rewritten paragraph:

A display command that presents data on a web page is dependent on that data, in the sense that, if the data changes, the command must be invalidated so a new request for it will re-execute it the new data, so the change appears on the page. Consequently, if the display command is cached, it must be invalidated whenever the data upon which it depends is updated. If the command is called from within a cached JSP (e.g., items 62 and 70 in Fig. 2), the JSP is invalidated. Since it is possible for commands to call other commands, and for JSPs to be nested, the chain of dependency can become quite intricate. The caching logic must track these dependencies so that it invalidates the appropriate cache entries whenever the underlying data changes.

Please replace the paragraph beginning on page 14, line 5, with the following rewritten paragraph:

In yet another embodiment, cache capacity is improved obtained by storing both server pages and commands in the same cache. Code and data structures that are the same for server pages as for commands are saved in a common area of the cache. A second area of the cache is reserved for code and data specific to server pages, and a third area is reserved for code and data specific to commands. This arrangement optimizes the use of the cache, while avoiding the need to accurately anticipate the server page-to-command cache ratio. In a preferred embodiment, the server pages comprise Java Server Pages (JSPs).